ELSEVIER

Colloids and Surfaces B: Biointerfaces 11 (1998) 331

COLLOIDS AND SURFACES B

Author Index

Albrecht, G., 239
Alexandre, S., 95
Ando, S., 47
Arıca, M.Y., 113
Askendal, A., 265

Barratt, G., 141, 203
Basu, R., 29
Baszkin, A., 239
Berthelot, L., 239
Bochu, W., 273
Boskey, A.L., 131
Bos, R., 213
Boullanger, P., 239
Broberg, M., 67, 123
Buehner, N.A., 79
Busscher, H.J., 213

Chapot, A., 103
Chattoraj, D.K., 1, 57
Cheron, M., 141, 203
Chierici, S., 239
Combes, C., 15
Costa, M.L., 239

Damodaran, S., 231
Denizli, A., 113
De, S., 29
Devissaguet, J.-P., 141, 203
De Vleeschauwer, D., 321
Dubreuil, N., 95
Duc, T.-M., 95
Dutta, P., 1

Elaïssari, A., 103
Ellen, R.P., 177
Elwing, H., 177, 255
Eriksson, C., 123
Espuelas, M.S., 141, 203
Esumi, K., 223

Fortuna, R., 79
Freche, M., 15
Fredriksson, C., 255
Fujiwara, A., 313
Gastaldi, E., 281
Grove, D.A., 177
Harms, H., 33
Hayashi, S., 301
Høiland, H., 167
Holmsen, H., 167
Holmström, N., 265

Ippolito, K.M.L., 79
Irache, J.M., 141, 203
Ishiguro, R., 153
Ishikawa, T., 313

Jianping, Z., 9
Jie, X., 9
Jingquan, Z., 9
Jin, L.-P., 79
Jiquan, Z., 9
Jucker, B.A., 33

Kaifeng, S., 273
Kamaya, H., 87, 287
Kamyshny, A., 249
Kandori, K., 313
Kaneshina, S., 87, 287
Kasemo, B., 255
Kawashima, N., 297
Kurrat, R., 187

Lair, D., 95
Lefebvre-Cases, E., 281
Legrand, P., 141, 203
Lijin, J., 9
Liu, L., 255

MacDonald, D.E., 131
Magdassi, S., 249
Makino, K., 47
Markovic, B., 131
Marti, A., 187
Matsuki, H., 87, 287
Matsumoto, T., 153
Maulik, S., 1, 57
Morita, K.-i., 297
Moulik, S.P., 1, 57
Mukai, M., 313

Nagashima, S., 47
Naim, J.O., 79
Nakayama, Y., 301
Nandy, P., 29
Nimeri, G., 255
Nygren, H., 67, 123

Ohshima, H., 47
Osman, M., 167

Perrin, A., 103
Puisieux, F., 141, 203

Ramsden, J.J., 187
Renedo, M.J., 203
Rey, C., 15
Rodahl, M., 255
Rosilio, V., 239

Sakanishi, A., 273
Şenel, S., 113
Shimada, K., 287
Somasundaran, P., 131
Sommer, F., 95
Song, M., 177
Spencer, N.D., 187

Takahashi, K., 301
Takahashi, M., 301
Takahashi, S., 153
Takamatsu, M., 297
Tarodo de la Fuente, B., 281
Tengvall, P., 187, 265
Terayama, H., 223
Textor, M., 187
Theretz, A., 103
Tsukamoto, T., 47

Ueda, I., 87, 287
Ueno, M., 301

Valleton, J.-M., 95
Van der Meeren, P., 321
van der Mei, H.C., 213
van Oss, C.J., 79

Wake, T., 223
Wälivaara, B., 187
Wikström, M., 177

Yamada, E., 301
Yamanaka, M., 87
Yasukawa, A., 313

Zehnder, A.J.B., 33
Zhang, J.-W., 79
Zhezhi, W., 273

PII: S0927-7765(98)00063-0

ELSEVIER

Colloids and Surfaces B: Biointerfaces 11 (1998) 333–334

COLLOIDS AND SURFACES B

Subject Index

Acid–base interactions, 213
Adhesion, 33
Adhesion force, 273
Adsorption, 131, 249
Adsorption affinity, 313
Adsorption of polymer, 223
AFM, 103
Amphotericin B, 141, 203
Antibody adsorption, 103
Antibody reactions, 187
Anticoagulants, 123
Aqueous suspension of drug, 223
Artificial basement membrane, 273
Attenuated total reflection, 153

Bacteria, 33
Behenic acid, 95
Binding interaction, 1, 57
Biomaterials, 67
Block polymer micelles, 203
Blood plasma, 187
Blood serum, 187
Bovine serum albumin, 313

Ca^{2+}, 167
Calcium phosphate, 15
CD62, 67, 123
Cell adhesion, 255
Charged local anesthetic, 287
Chemiluminescence, 249
Chlorophyll *a*, 9
Cibacron Blue F3GA, 113
Collagen IV, 273
Comparison of techniques, 187
Competitive adsorption, 203
Conformation of adsorbed polymer, 223
Contact angles, 213
C-phycocyanin, 9
Critical micelle concentration, 87
CTAB, 1, 57
Cultivation test, 297
Cytokines, 79

Desorption, 313
Dibucaine hydrochloride, 87
Dissolved oxygen, 297
DNA, 1, 57

Dye affinity membranes, 113

Ellipsometry, 187
Emulsion, 321
Energy transfer, 9
Enzyme regulation, 231
Equilibrium study, 1

Ferritin, 103
Fibronectin, 131
Fourier-transform infrared spectroscopy, 153

Gel, 281
Glucose oxidase, 95
Gold, 265
Gold particles, 103

α-Helical synthetic peptide, 153
Hepatocellular carcinoma, 273
Human hepatocytes, 273
Hydrogel microspheres, 47
Hydrophobic forces, 141
Hydrophobicity, 177

IgG, 249
Immunoassay, 249
Immunology, 103
Inflammation, 79
Interfaces, 231

Kinetic studies, 57

Langmuir–Blodgett films, 95
Lecithin–water system, 29
Lectin–sugar interaction, 239
Limonene, 301
Lipid monolayers, 231
Lipid polymorphism, 29
Lipopolysaccharides, 33
Liposome, 321
Local anesthetic, 87
Local anesthetic potency, 287
Lysozyme, 313
Lysozyme adsorption, 113

Membrane emulsification technique, 47
Membrane fusion, 153

PII: S0927-7765(98)00064-2

Metal chelates, 113
Mica, 95
Micellar casein dissociation, 281
Micelle, 87
Micelles, 141, 167
Microbial cell surface hydrophobicity, 213
Microemulsions, 249
Microparticles, 249
Micropipette technique, 273
Micropolarity, 167
Microscopic study, 29
Microviscosity, 167
Mixed monolayers, 239
Monocytes, 79
Monodisperse, 47

N-acetylglucosamine, 239
Nanospheres, 141, 203
Network model approach, 103
Neutrophils, 255
N,*N*-dimethyldodecylamine oxide, 301
Nucleation, 15

Optical sensor, 187
Oxygen sensor, 265

Particle size, 321
Perfluorocarbon, 321
pH, 167
Phosphate uptake, 15
Plasma proteins, 265
Platelet, 67
Plateletes, 123
Polar adhesion, 177
Poloxamer, 141
Poly(acrylamide-co-acrylic acid) hydrogel, 47
Polyaniline, 297
Poly(ε-caprolactone), 141
Poly(HEMA), 113
Polymer interactions, 33
Polymerization in small systems, 47
Poly(propylene oxide) region, 203
Pre-adsorption, 313
Protein adsorption, 67, 187
Protein conditioning, 177
Proteins, 1, 79
Pyrolytic carbon, 265

Quartz Crystal Microbalance technique, 255

Reverse micelles, 9

Scanning force microscopy, 95
SDS, 1, 281
Silicones, 79
Size dependence of microsphere structure, 47
Sodium dodecyl sulfate, 301
Spectroscopy, 141
Spin-labeled polymer, 223
Sterilizing, 297
Stratum corneum, 301
Superoxide, 297
Surface activity, 287
Surface-adsorbed film, 87
Surface characterization, 15
Surface potential, 265
Surface pressure measurements, 239
Surface tension, 87, 287
Surfactin, 167
Synthetic calcium hydroxyapatites, 313

Temperature, 167
α-Terpineol, 301
Titanium, 15, 187
Titanium dioxide, 131
Treponema, 177
Triton X-100, 9

Uncharged local anesthetic, 287

Viability, 177
von Willebrand factor, 123
V. Willebrand Factor, 67

Water activity, 231
Wettability, 177
Wheat germ agglutinin, 239
Whole blood, 123

Zeta potential, 131, 203